

Claims

- [c1] 1.A roof rack system comprising:
at least one storage surface movable between a first position and a second position;
said first position defined by said at least one storage surface being generally coincident with a roof of a vehicle; and
said second position defined by said at least one storage surface being generally coincident with a side of a vehicle.
- [c2] 2.A roof rack system as described in claim 1 further comprising:
a locking mechanism securing said at least one storage surface in said second position.
- [c3] 3.A roof rack system as described in claim 1 further comprising:
a plurality of collapsible rails.
- [c4] 4.A roof rack system as described in claim 1 further comprising:
at least one track element mounted to said at least one storage surface; and
at least one guide element.
- [c5] 5.A roof rack system as described in claim 4 further comprising:
at least one securing slot formed in said at least one track element.
- [c6] 6.A roof rack system as described in claim 1 further comprising:
a right storage surface; and
a left storage surface.
- [c7] 7.A roof rack system as described in claim 6 further comprising:
a left end rail element attached to said left storage surface; and
a right end rail element attached to said right storage surface.
- [c8] 8.A roof rack system as described in claim 1 wherein said at least one storage surface includes a plurality of slat elements.
- [c9] 9.A roof rack system as described in claim 1 further comprising:
at least one mounting element.
- [c10] 10.A roof rack system as described in claim 9 further comprising:
at least one latching area.
- [c11] 11.A roof rack system for mounting on a vehicle, including a vehicle roof, a vehicle right

side and a vehicle left side, comprising:

a left storage surface moveable between a left first position, wherein said left storage surface is generally coincident with the vehicle roof, and a left second position, wherein said left storage surface is generally coincident with the vehicle left side; and

a right storage surface moveable between a right first position, wherein said left storage surface is generally coincident with the vehicle roof, and a right second position, wherein said right storage surface is generally coincident with the vehicle right side.

[c12] 12.A roof rack system as described in claim 11 further comprising:

a right locking mechanism for securing said right storage surface in said right second position; and

a left locking mechanism for securing said left storage surface in said left second position.

[c13] 13.A roof rack system as described in claim 11 further comprising:

a plurality of collapsible rails.

[c14] 14.A roof rack system as described in claim 11 further comprising:

at least one right track element mounted to said right storage surface;

at least one left track element mounted to said left storage surface; and

at least one guide element.

[c15] 15.A roof rack system as described in claim 14 further comprising:

a plurality of securing slots formed in said at least one right track element and said at least one left track element.

[c16] 16.A roof rack system as described in claim 11 further comprising:

a left end rail element attached to said left storage surface; and

a right end rail element attached to said right storage surface.

[c17] 17.A roof rack system as described in claim 11 wherein said right storage surface includes a plurality of slat elements.

[c18] 18.A roof rack system as described in claim 11 wherein said left storage surface includes a plurality of slat elements.

[c19] 19.A roof rack system as described in claim 11 further comprising:

a plurality of mounting elements.

[c20] 20.A roof rack system as described in claim 19 further comprising:
a plurality of latching areas formed in said plurality of mounting elements.

[c21] 21.A roof rack system for use on a roof of a vehicle comprising:
a plurality of collapsible rails movable between a raised position and a collapsed position,
said plurality of collapsible rails forming a basket on the roof when in said raised position,
and said plurality of collapsible rails allowing oversized objects to be mounted to the roof
when in said collapsed position.

[c22] 22.A roof rack system as described in claim 21 further comprising:
at least one storage surface positioned on the roof of the vehicle.

[c23] 23.A roof rack system as described in claim 22 wherein said at least one storage surface is
movable between a first position and a second position:
said first position defined by said at least one storage surface being generally coincident
with the roof of the vehicle; and
said second position defined by said at least one storage surface being generally coincident
with a side of the vehicle.